

AMENDMENTS TO THE CLAIMS

1. (Original) An optical recording method for an optical storage medium in which a recording pulse pattern having a sequence of multiple pulses is used to record one of plural kinds of marks with different lengths on the storage medium through a recording process in which a recording linear velocity is variable, comprising the steps of:

allocating individually two or more discreet write powers to the respective pulses of the recording pulse pattern;

linearly varying each of the write powers, allocated to the respective pulses of the recording pulse pattern, in proportion with a change of one of the recording linear velocity and a recording position of the storage medium; and

supplying the recording pulse pattern to a pickup, the pickup emitting a light beam to the storage medium in accordance with the recording pulse pattern having the linearly varied write powers allocated to the respective pulses, so that one of the plural kinds of marks is recorded on the storage medium.

Claims 2-24. (Cancelled)